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FILE 'HOME' ENTERED AT 12:22:28 ON 15 MAY 2003

=> file MEDLINE, BIOSIS, USPATFULL
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
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FULL ESTIMATED COST                                         0.42       0.42

FILE 'MEDLINE' ENTERED AT 12:23:53 ON 15 MAY 2003

FILE 'BIOSIS' ENTERED AT 12:23:53 ON 15 MAY 2003
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FILE 'USPATFULL' ENTERED AT 12:23:53 ON 15 MAY 2003
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

=> S (Klein, C.? or Klein C.?)/AU
L1          652 (KLEIN, C.? OR KLEIN C.?)/AU

=> s (Murphy, A.? or Murphy A.?)/au
L2          910 (MURPHY, A.? OR MURPHY A.?)/AU

=> s (Fowlkes, D.? or Fowlkes D.?)/au
L3           97 (FOWLKES, D.? OR FOWLKES D.?)/AU

=> s (Broach, J.? or Broach J.?)/au
L4          177 (BROACH, J.? OR BROACH J.?)/AU

=> s L1 and L2
L5            0 L1 AND L2

=> s L1 and L3
L6            0 L1 AND L3

=> s L1 and L4
L7            0 L1 AND L4

=> s heterologous receptor
L8          321 HETEROLOGOUS RECEPTOR

=> s heterologous receptor?
L9          321 HETEROLOGOUS RECEPTOR?

=> s autocrine system?
L10         254 AUTOCRINE SYSTEM?

=> s peptide library
L11        8430 PEPTIDE LIBRARY

=> s yeast pheromonesystem
L12           0 YEAST PHEROMONESYSTEM

=> s yeast pheromone system
L13          25 YEAST PHEROMONE SYSTEM

=> s ligand screening
L14         286 LIGAND SCREENING

=> s L8(p)L10
L15           0 L8(P) L10

=> s L8 (P) L10
L16           0 L8 (P) L10
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=> s L8 (p) L11
L17          7 L8 (P) L11

=> s L8 (p) L13
L18          4 L8 (P) L13

=> s L8 (p) L14
L19          0 L8 (P) L14

=> s L11 (p) L14
L20          5 L11 (P) L14

=> s L13 (p) L14
L21          0 L13 (P) L14

=> s L10 and L14
L22          0 L10 AND L14

=> d L17 1-7

L17  ANSWER 1 OF 7  USPATFULL
AN     2003:106233  USPATFULL
TI     Compositions and methods for the therapy and diagnosis of pancreatic
       cancer
IN     Benson, Darin R., Seattle, WA, UNITED STATES
       Kalos, Michael D., Seattle, WA, UNITED STATES
       Lodes, Michael J., Seattle, WA, UNITED STATES
       Persing, David H., Redmond, WA, UNITED STATES
       Hepler, William T., Seattle, WA, UNITED STATES
       Jiang, Yuqiu, Kent, WA, UNITED STATES
PA     Corixa Corporation, Seattle, WA, UNITED STATES, 98104 (U.S. corporation)
PI     US 2003073144      A1   20030417
AI     US 2002-60036      A1   20020130 (10)
PRAI   US 2001-333626P     20011127 (60)
       US 2001-305484P     20010712 (60)
       US 2001-265305P     20010130 (60)
       US 2001-267568P     20010209 (60)
       US 2001-313999P     20010820 (60)
       US 2001-291631P     20010516 (60)
       US 2001-287112P     20010428 (60)
       US 2001-278651P     20010321 (60)
       US 2001-265682P     20010131 (60)
DT     Utility
FS     APPLICATION
LN.CNT 14253
INCL   INCLM: 435/007.230
       INCLS: 435/069.100; 435/320.100; 435/325.000; 435/183.000; 536/023.200
NCL    NCLM:  435/007.230
       NCLS:  435/069.100; 435/320.100; 435/325.000; 435/183.000; 536/023.200
IC     [7]
       ICM: G01N033-574
       ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17  ANSWER 2 OF 7  USPATFULL
AN     2002:343980  USPATFULL
TI     EXPRESSION OF G PROTEIN-COUPLED RECEPTORS WITH ALTERED LIGAND BINDING
       AND/OR COUPLING PROPERTIES
IN     NADKARNI, ANUPAMA K., RIVER EDGE, NJ, UNITED STATES
       TRUEHEART, JOSHUA, CONCORD, MA, UNITED STATES
PA     CADUS PHARMACEUTICAL CORPORATION (U.S. corporation)
PI     US 2002197706      A1   20021226
AI     US 1999-362286     A1   19990727 (9)
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PRAI US 1998-94451P 19980728 (60)
DT Utility
FS APPLICATION
LN.CNT 3563
INCL INCLM: 435/254.200
INCLS: 530/324.000; 530/350.000; 435/007.310; 435/007.210; 435/325.000
NCL NCLM: 435/254.200
NCLS: 530/324.000; 530/350.000; 435/007.310; 435/007.210; 435/325.000
IC [7]
ICM: G01N033-567
ICS: G01N033-53; G01N033-569; C12N001-14; C12N001-16; C12N001-18; C07K005-00; C07K007-00; C07K016-00; C07K017-00; A61K038-00; C12N005-00; C12N005-02; C07K001-00; C07K014-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 3 OF 7 USPATFULL
AN 2002:243051 USPATFULL
TI Compositions and methods for the therapy and diagnosis of ovarian cancer
IN Algate, Paul A., Issaquah, WA, UNITED STATES
Jones, Robert, Seattle, WA, UNITED STATES
Harlocker, Susan L., Seattle, WA, UNITED STATES
PA Corixa Corporation, Seattle, WA, UNITED STATES, 98104 (U.S. corporation)
PI US 2002132237 A1 20020919
AI US 2001-867701 A1 20010529 (9)
PRAI US 2000-207484P 20000526 (60)
DT Utility
FS APPLICATION
LN.CNT 25718
INCL INCLM: 435/006.000
INCLS: 435/091.200
NCL NCLM: 435/006.000
NCLS: 435/091.200
IC [7]
ICM: C12Q001-68
ICS: C12P019-34
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 4 OF 7 USPATFULL
AN 2002:242791 USPATFULL
TI Compositions and methods for the therapy and diagnosis of colon cancer
IN King, Gordon E., Shoreline, WA, UNITED STATES
Meagher, Madeleine Joy, Seattle, WA, UNITED STATES
Xu, Jiangchun, Bellevue, WA, UNITED STATES
Secrist, Heather, Seattle, WA, UNITED STATES
PA Corixa Corporation, Seattle, WA, UNITED STATES (U.S. corporation)
PI US 2002131971 A1 20020919
AI US 2001-33528 A1 20011226 (10)
RLI Continuation-in-part of Ser. No. US 2001-920300, filed on 31 Jul 2001, PENDING
PRAI US 2001-302051P 20010629 (60)
US 2001-279763P 20010328 (60)
US 2000-223283P 20000803 (60)
DT Utility
FS APPLICATION
LN.CNT 8083
INCL INCLM: 424/155.100
INCLS: 536/023.200; 435/183.000; 435/069.100; 435/325.000; 435/320.100
NCL NCLM: 424/155.100
NCLS: 536/023.200; 435/183.000; 435/069.100; 435/325.000; 435/320.100
IC [7]
ICM: A61K039-395
ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 5 OF 7 USPATFULL
AN 2002:50822 USPATFULL
TI Yeast cells having mutations in stp22 and uses therefor
IN Ostanin, Kirill, Shrub Oak, NY, United States
Silverman, Lauren, Ossining, NY, United States
PA Cadus Pharmaceutical Corp., Tarrytown, NY, United States (U.S. corporation)
PI US 6355473 B1 20020312
AI US 1999-305923 19990505 (9)
PRAI US 1998-84420P 19980506 (60)
DT Utility
FS GRANTED
LN.CNT 3413
INCL INCLM: 435/254.210
INCLS: 435/254.110; 435/007.310; 435/069.100; 435/007.100; 436/501.000; 536/231.000; 530/350.000
NCL NCLM: 435/254.210
NCLS: 435/007.100; 435/007.310; 435/069.100; 435/254.110; 436/501.000; 530/350.000; 536/023.100
IC [7]
ICM: C12N001-14
ICS: G01N033-566; C07H021-04; C07K001-00
EXF 435/7.1; 435/254.11; 435/254.2; 435/254.21; 435/320.7; 435/69.1; 435/7.2; 435/7.31; 530/350; 536/23.4; 536/23.1; 436/501
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 6 OF 7 USPATFULL
AN 2002:27121 USPATFULL
TI FUNCTIONAL EXPRESSION OF ADENOSINE RECEPTORS IN YEAST
IN SILVERMAN, LAUREN, OSSINING, NY, UNITED STATES
CHEN, WEI, BRONX, NY, UNITED STATES
TRUEHART, JOSHUA, SOUTH NYACK, NY, UNITED STATES
BROACH, JAMES R., PRINCTON, NJ, UNITED STATES
PI US 2002015967 A1 20020207
AI US 1998-88985 A1 19980602 (9)
DT Utility
FS APPLICATION
LN.CNT 3070
INCL INCLM: 435/007.210
INCLS: 435/069.900; 435/254.200
NCL NCLM: 435/007.210
NCLS: 435/069.900; 435/254.200
IC [7]
ICM: G01N033-567
ICS: C12P021-04; C12N001-14; C12N001-16; C12N001-18
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 7 OF 7 USPATFULL
AN 2001:97630 USPATFULL
TI Yeast cells having mutations in Cav1 and uses therefor
IN Ostanin, Kirill, Shrub Oak, NY, United States
Silverman, Lauren, Ossining, NY, United States
PA Cadus Pharmaceutical Corporation, New York, NY, United States (U.S. corporation)
PI US 6251605 B1 20010626
AI US 1999-426332 19991025 (9)
PRAI US 1998-105893P 19981027 (60)
DT Utility
FS GRANTED
LN.CNT 3386
INCL INCLM: 435/006.000
INCLS: 435/254.200; 435/254.210; 435/255.100; 435/255.200

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NCL    NCLM:  435/006.000
       NCLS:  435/254.200; 435/254.210; 435/255.100; 435/255.200
IC     [7]
       ICM: C12Q001-68
       ICS: C12N001-19
EXF    435/6; 435/254.2; 435/254.21; 435/255.1; 435/255.2
CAS INDEXING IS AVAILABLE FOR THIS PATENT.


=> d L18 1-4

L18  ANSWER 1 OF 4  USPATFULL
AN     2002:343980  USPATFULL
TI     EXPRESSION OF G PROTEIN-COUPLED RECEPTORS WITH ALTERED LIGAND BINDING
       AND/OR COUPLING PROPERTIES
IN     NADKARNI, ANUPAMA K., RIVER EDGE, NJ, UNITED STATES
       TRUEHEART, JOSHUA, CONCORD, MA, UNITED STATES
PA     CADUS PHARMACEUTICAL CORPORATION (U.S. corporation)
PI     US 2002197706      A1   20021226
AI     US 1999-362286     A1   19990727 (9)
PRAI   US 1998-94451P      19980728 (60)
DT     Utility
FS     APPLICATION
LN.CNT 3563
INCL   INCLM: 435/254.200
       INCLS: 530/324.000; 530/350.000; 435/007.310; 435/007.210; 435/325.000
NCL    NCLM:  435/254.200
       NCLS:  530/324.000; 530/350.000; 435/007.310; 435/007.210; 435/325.000
IC     [7]
       ICM: G01N033-567
       ICS: G01N033-53; G01N033-569; C12N001-14; C12N001-16; C12N001-18;
       C07K005-00; C07K007-00; C07K016-00; C07K017-00; A61K038-00; C12N005-00;
       C12N005-02; C07K001-00; C07K014-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L18  ANSWER 2 OF 4  USPATFULL
AN     2002:50822  USPATFULL
TI     Yeast cells having mutations in stp22 and uses therefor
IN     Ostanin, Kirill, Shrub Oak, NY, United States
       Silverman, Lauren, Ossining, NY, United States
PA     Cadus Pharmaceutical Corp., Tarrytown, NY, United States (U.S.
       corporation)
PI     US 6355473         B1   20020312
AI     US 1999-305923          19990505 (9)
PRAI   US 1998-84420P      19980506 (60)
DT     Utility
FS     GRANTED
LN.CNT 3413
INCL   INCLM: 435/254.210
       INCLS: 435/254.110; 435/007.310; 435/069.100; 435/007.100; 436/501.000;
              536/231.000; 530/350.000
NCL    NCLM:  435/254.210
       NCLS:  435/007.100; 435/007.310; 435/069.100; 435/254.110; 436/501.000;
              530/350.000; 536/023.100
IC     [7]
       ICM: C12N001-14
       ICS: G01N033-566; C07H021-04; C07K001-00
EXF    435/7.1; 435/254.11; 435/254.2; 435/254.21; 435/320.7; 435/69.1;
       435/7.2; 435/7.31; 530/350; 536/23.4; 536/23.1; 436/501
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L18  ANSWER 3 OF 4  USPATFULL
AN     2002:27121  USPATFULL
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TI FUNCTIONAL EXPRESSION OF ADENOSINE RECEPTORS IN YEAST
IN SILVERMAN, LAUREN, OSSINING, NY, UNITED STATES
CHEN, WEI, BRONX, NY, UNITED STATES
TRUEHART, JOSHUA, SOUTH NYACK, NY, UNITED STATES
BROACH, JAMES R., PRINCTON, NJ, UNITED STATES
PI US 2002015967 A1 20020207
AI US 1998-88985 A1 19980602 (9)
DT Utility
FS APPLICATION
LN.CNT 3070
INCL INCLM: 435/007.210
INCLS: 435/069.900; 435/254.200
NCL NCLM: 435/007.210
NCLS: 435/069.900; 435/254.200
IC [7]
ICM: G01N033-567
ICS: C12P021-04; C12N001-14; C12N001-16; C12N001-18
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L18 ANSWER 4 OF 4 USPATFULL
AN 2001:97630 USPATFULL
TI Yeast cells having mutations in Cav1 and uses therefor
IN Ostanin, Kirill, Shrub Oak, NY, United States
Silverman, Lauren, Ossining, NY, United States
PA Cadus Pharmaceutical Corporation, New York, NY, United States (U.S. corporation)
PI US 6251605 B1 20010626
AI US 1999-426332 19991025 (9)
PRAI US 1998-105893P 19981027 (60)
DT Utility
FS GRANTED
LN.CNT 3386
INCL INCLM: 435/006.000
INCLS: 435/254.200; 435/254.210; 435/255.100; 435/255.200
NCL NCLM: 435/006.000
NCLS: 435/254.200; 435/254.210; 435/255.100; 435/255.200
IC [7]
ICM: C12Q001-68
ICS: C12N001-19
EXF 435/6; 435/254.2; 435/254.21; 435/255.1; 435/255.2
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d L20 1-5

L20 ANSWER 1 OF 5 MEDLINE
AN 97325526 MEDLINE
DN 97325526 PubMed ID: 9181579
TI Use of a modified bacteriophage to probe the interactions between peptides and ion channel receptors in mammalian cells.
AU Li M
CS Department of Physiology, Johns Hopkins University School of Medicine, Baltimore, MD 21205, USA.. min-li@qmail.bs.jhu.edu
SO NATURE BIOTECHNOLOGY, (1997 Jun) 15 (6) 559-63.
Journal code: 9604648. ISSN: 1087-0156.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199708
ED Entered STN: 19970902
Last Updated on STN: 19970902
Entered Medline: 19970819

L20 ANSWER 2 OF 5 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 1997:316492 BIOSIS
DN PREV199799606980
TI Use of a modified bacteriophage to probe the interactions between peptides and ion channel receptors in mammalian cells.
AU Li, Min
CS Dep. Physiol., Johns Hopkins Univ. Sch. Med., 725 N. Wolfe St., Baltimore, MD 21205 USA
SO Nature Biotechnology, (1997) Vol. 15, No. 6, pp. 559-563.
ISSN: 1087-0156.
DT Article
LA English

L20 ANSWER 3 OF 5 USPATFULL
AN 2003:64717 USPATFULL
TI PEPTIDE LIGANDS THAT BIND TO SURFACES OF BACTERIAL SPORES
IN TURNBOUGH, CHARLES L., HOMEWOOD, AL, UNITED STATES
PI US 2003044838 A1 20030306
AI US 1999-229751 A1 19990114 (9)
PRAI US 1998-71411P 19980114 (60)
DT Utility
FS APPLICATION
LN.CNT 560
INCL INCLM: 435/007.100
INCLS: 435/007.320; 530/388.400
NCL NCLM: 435/007.100
NCLS: 435/007.320; 530/388.400
IC [7]
ICM: G01N033-53
ICS: G01N033-554; G01N033-569; C07K016-12
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 4 OF 5 USPATFULL
AN 2002:251080 USPATFULL
TI Methods and compositions for targeting compounds to muscle
IN Smith, Bruce F., Auburn, AL, UNITED STATES
Samoilova, Tatiana I., Auburn, AL, UNITED STATES
PA Auburn University (U.S. corporation)
PI US 2002137023 A1 20020926
AI US 2001-947137 A1 20010905 (9)
RLI Division of Ser. No. US 1998-84605, filed on 26 May 1998, PATENTED
PRAI US 1997-47863P 19970529 (60)
DT Utility
FS APPLICATION
LN.CNT 1007
INCL INCLM: 435/005.000
INCLS: 435/006.000; 435/183.000
NCL NCLM: 435/005.000
NCLS: 435/006.000; 435/183.000
IC [7]
ICM: C12Q001-70
ICS: C12Q001-68; C12N009-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 5 OF 5 USPATFULL
AN 2001:226750 USPATFULL
TI Methods and compositions for targeting compounds to muscle
IN Smith, Bruce F., Auburn, AL, United States
Samoilova, Tatiana, Auburn, AL, United States
PA Auburn University, Auburn, AL, United States (U.S. corporation)
PI US 6329501 B1 20011211
AI US 1998-84605 19980526 (9)

PRAI US 1997-47863P 19970529 (60)
DT Utility
FS GRANTED
LN.CNT 865
INCL INCLM: 530/329.000
 INCLS: 530/328.000; 530/327.000; 530/326.000; 530/300.000
NCL NCLM: 530/329.000
 NCLS: 530/300.000; 530/326.000; 530/327.000; 530/328.000
IC [7]
 ICM: C07K004-00
EXF 530/300.358; 530/387.1; 530/388.1; 435/7.1; 424/93.6
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L Number	Hits	Search Text	DB	Time stamp
1	1	(Joshua near Trueheart.in.) and (Anupama near nadkarni.in.)	USPAT; US-PGPUB	2003/05/15 13:24
4	73	(Christine near Klein.in.) or (Andrew near Murphy.in.) or (Dana near Fowlkes.in.) or (James near Broach.in.)	USPAT; US-PGPUB; EPO; DERWENT	2003/05/15 14:22
16	0	heterologous adj1 receptor? same peptide adj1 library	USPAT; US-PGPUB; EPO; DERWENT	2003/05/15 14:22
21	0	heterologous adj1 receptor? same autocrine adj1 system	USPAT; US-PGPUB; EPO; DERWENT	2003/05/15 14:23
26	0	heterologous adj1 receptor? same receptor adj1 effector?	USPAT; US-PGPUB; EPO; DERWENT	2003/05/15 14:24
41	2	heterologous adj1 receptor adj1 protein? and reporter adj1 gene?	USPAT; US-PGPUB; EPO; DERWENT	2003/05/15 14:26
51	47	autocrine adj1 system and receptor?	USPAT; US-PGPUB; EPO; DERWENT	2003/05/15 14:27
56	31	autocrine adj1 system and receptor? and reporter	USPAT; US-PGPUB; EPO; DERWENT	2003/05/15 14:37
66	23	yeast adj1 pheromone adj1 pathway	USPAT; US-PGPUB; EPO; DERWENT	2003/05/15 14:29

	U	1	Document ID	Issue Date	Pages	Title	Current OR
1	☐	☐	US 20010026926 A1	20011004	50	Methods and compositions for identifying receptor effectors	435/7.31
2	☒	☐	US 20020006664 A1	20020117	33	Arrayed transfection method and uses related thereto	435/456
3	☐	☐	US 20020015967 A1	20020207	29	FUNCTIONAL EXPRESSION OF ADENOSINE RECEPTORS IN YEAST	435/7.21
4	☒	☐	US 20020025536 A1	20020228	33	Methods and reagents for isolating biologically active antibodies	435/7.1
5	☐	☐	US 20020157119 A1	20021024	25	Identification of activated receptors and ion channels	800/8
6	☒	☐	US 20020172940 A1	20021121	46	Methods and reagents for isolating biologically active peptides	435/5
7	☐	☐	US 20020197706 A1	20021226	50	EXPRESSION OF G PROTEIN-COUPLED RECEPTORS WITH ALTERED LIGAND BINDING AND/OR COUPLING PROPERTIES	435/254.2
8	☐	☐	US 20030008380 A1	20030109	71	Yeast cells engineered to produce pheromone system protein surrogates, and uses therefor	435/254.2
9	☐	☐	US 20030009022 A1	20030109	63	METHODS AND COMPOSITIONS FOR IDENTIFYING RECEPTOR EFFECTORS	536/23.5
10	☒	☐	US 20030032203 A1	20030213	24	Small molecule microarrays	436/518
11	☐	☐	US 20030054402 A1	20030320	62	Methods and compositions for identifying receptor effectors	435/7.1
12	☒	☐	US 5776689 A	19980707	15	Protein recruitment system	435/6

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1	435/254.2; 435/325		Klein, Christine A. et al.	☒	☐	☐	☐	☐	☐	☐
2	435/455; 435/7.21		Sabatini, David M.	☐	☐	☐	☐	☐	☐	☐
3	435/254.2; 435/69.9		SILVERMAN, LAUREN et al.	☒	☐	☐	☐	☐	☐	☐
4	435/5; 435/69.1		Gyuris, Jeno et al.	☐	☐	☐	☐	☐	☐	☐
5	435/194; 435/320.1; 435/354; 435/6; 435/7.1; 530/350		Beachy, Philip A. et al.	☒	☐	☐	☐	☐	☐	☐
6	435/7.1; 435/7.32; 436/518; 530/324; 530/350		Gyuris, Jeno et al.	☐	☐	☐	☐	☐	☐	☐
7	435/325; 435/7.21; 435/7.31; 530/324; 530/350		NADKARNI, ANUPAMA K. et al.	☒	☐	☐	☐	☐	☐	☐
8	435/7.31		FOWLKES, DANA MERRIMAN et al.	☒	☐	☐	☐	☐	☐	☐
9	435/254.2; 435/361; 435/365.1; 435/7.1		KLEIN, CHRISTINE A. et al.	☒	☐	☐	☐	☐	☐	☐
10			Sabatini, David M. et al.	☐	☐	☐	☐	☐	☐	☐
11	435/325; 435/7.2		Klein, Christine A. et al.	☒	☐	☐	☐	☐	☐	☐
12	435/254.21 ; 435/320.1; 435/325; 536/23.4		Karin, Michael et al.	☐	☐	☐	☐	☐	☐	☐

	Image Doc. Displayed	PT
1	US 20010026926	☐
2	US 20020006664	☐
3	US 20020015967	☐
4	US 20020025536	☐
5	US 20020157119	☐
6	US 20020172940	☐
7	US 20020197706	☐
8	US 20030008380	☐
9	US 20030009022	☐
10	US 20030032203	☐
11	US 20030054402	☐
12	US 5776689	☐

	U	1	Document ID	Issue Date	Pages	Title	Current OR
13	☒	☐	US 5789184 A	19980804	93	Yeast cells engineered to produce pheromone system protein surrogates, and uses therefor	435/7.31
14	☒	☐	US 5876951 A	19990302	93	Yeast cells engineered to produce pheromone system protein surrogates and uses therefor	435/7.31
15	☒	☐	US 6100042 A	20000808	95	Yeast cells engineered to produce pheromone system protein surrogates, and uses therefor	435/7.1
16	☒	☐	US 6159705 A	20001212	56	Recombinant yeast cells for identifying receptor effectors	435/29
17	☒	☐	US 6251605 B1	20010626	32	Yeast cells having mutations in Cav1 and uses therefor	435/6
18	☐	☐	US 6255059 B1	20010703	68	Methods for identifying G protein coupled receptor effectors	435/7.31
19	☒	☐	US 6355473 B1	20020312	31	Yeast cells having mutations in stp22 and uses therefor	435/254.21
20	☐	☐	US 6365347 B1	20020402	39	Method for identifying disruptors of biological pathways using genetic selection	435/6

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
13	435/254.11 ; 435/254.2; 435/254.21 ; 435/DIG.27 ; 435/DIG.7		Fowlkes, Dana M. et al.	☐	☐	☐	☐	☐	☐	☐
14	435/254.11 ; 435/254.2; 435/254.21		Fowlkes, Dana M. et al.	☐	☐	☐	☐	☐	☐	☐
15	435/252.3; 435/483; 435/6		Fowlkes, Dana Merriman et al.	☐	☐	☐	☐	☐	☐	☐
16	435/254.11		Trueheart, Joshua et al.	☐	☐	☐	☐	☐	☐	☐
17	435/254.2; 435/254.21 ; 435/255.1; 435/255.2		Ostanin, Kirill et al.	☐	☐	☐	☐	☐	☐	☐
18	435/254.2; 435/254.21 ; 435/6; 435/69.1; 435/69.7; 435/7.2; 530/300; 530/350; 536/23.4; 536/23.5		Klein, Christine A. et al.	☒	☐	☐	☐	☐	☐	☐
19	435/254.11 ; 435/69.1; 435/7.1; 435/7.31; 436/501; 530/350; 536/23.1		Ostanin, Kirill et al.	☐	☐	☐	☐	☐	☐	☐
20	435/320.1; 435/69.1; 536/23.4; 536/24.1		Murray, Andrew W. et al.	☒	☐	☐	☐	☐	☐	☐

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13	US 5789184	☐
14	US 5876951	☐
15	US 6100042	☐
16	US 6159705	☐
17	US 6251605	☐
18	US 6255059	☐
19	US 6355473	☐
20	US 6365347	☐

	U	1	Document ID	Issue Date	Pages	Title	Current OR
21	☒	☐	US 6420110 B1	20020716	44	Methods and reagents for isolating biologically active peptides	435/6
22	☒	☐	US 6504008 B1	20030107	29	Cell based signal generation	530/350
23	☐	☐	US 6509447 B1	20030121	38	G protein chimeras and methods of screening compounds	530/387.3

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
21	435/235.1; 435/5; 435/69.1; 435/7.1; 435/DIG.1; 435/DIG.15; 435/DIG.3; 435/DIG.4		Gyuris, Jeno et al.	☐	☐	☐	☐	☐	☐	☐
22	530/371		Xu, Jun et al.	☐	☐	☐	☐	☐	☐	☐
23	435/254.2; 435/471; 435/69.1; 435/69.9; 435/7.2; 435/70.1; 435/71.1; 536/23.1; 536/23.5		Brown, Andrew James et al.	☒	☐	☐	☐	☐	☐	☐

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21	US 6420110	☐
22	US 6504008	☐
23	US 6509447	☐

	U	1	Document ID	Issue Date	Pages	Title	Current OR
1	☒	☐	US 20010026926 A1	20011004	50	Methods and compositions for identifying receptor effectors	435/7.31
2	☒	☐	US 20020015967 A1	20020207	29	FUNCTIONAL EXPRESSION OF ADENOSINE RECEPTORS IN YEAST	435/7.21
3	☒	☐	US 20020173627 A1	20021121		TIE-2 ligands, methods of making and uses thereof	530/350
4	☒	☐	US 20020197706 A1	20021226	50	EXPRESSION OF G PROTEIN-COUPLED RECEPTORS WITH ALTERED LIGAND BINDING AND/OR COUPLING PROPERTIES	435/254.2
5	☒	☐	US 20030008380 A1	20030109	71	Yeast cells engineered to produce pheromone system protein surrogates, and uses therefor	435/254.2
6	☒	☐	US 20030009022 A1	20030109	63	METHODS AND COMPOSITIONS FOR IDENTIFYING RECEPTOR EFFECTORS	536/23.5
7	☒	☐	US 20030040463 A1	20030227		TIE-2 ligands, methods of making and uses thereof	514/1
8	☒	☐	US 20030054402 A1	20030320	62	Methods and compositions for identifying receptor effectors	435/7.1
9	☒	☐	US 20030059887 A1	20030327		Novel ligands, methods of making and uses thereof	435/69.1
10	☒	☐	US 20030064470 A1	20030403		Novel ligands, methods of making and uses thereof	435/69.1
11	☒	☐	US 20030092891 A1	20030515		Expressed ligand - vascular intercellular signalling molecule	530/350

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1	435/254.2; 435/325		Klein, Christine A. et al.	☐	☐	☐	☐	☐	☐	☐
2	435/254.2; 435/69.9		SILVERMAN, LAUREN et al.	☐	☐	☐	☐	☐	☐	☐
3	435/320.1; 435/325; 435/69.1; 536/23.2		Davis, Samuel et al.	☐	☐	☐	☐	☐	☐	☐
4	435/325; 435/7.21; 435/7.31; 530/324; 530/350		NADKARNI, ANUPAMA K. et al.	☐	☐	☐	☐	☐	☐	☐
5	435/7.31		FOWLKES, DANA MERRIMAN et al.	☐	☐	☐	☐	☐	☐	☐
6	435/254.2; 435/361; 435/365.1; 435/7.1		KLEIN, CHRISTINE A. et al.	☐	☐	☐	☐	☐	☐	☐
7			Wiegand, Stanley J. et al.	☐	☐	☐	☐	☐	☐	☐
8	435/325; 435/7.2		Klein, Christine A. et al.	☐	☐	☐	☐	☐	☐	☐
9	435/320.1; 435/325; 530/350; 536/23.5		Valenzuela, David M. et al.	☐	☐	☐	☐	☐	☐	☐
10	435/320.1; 435/325; 530/324; 530/350; 536/23.5		Valenzuela, David M. et al.	☐	☐	☐	☐	☐	☐	☐
11	435/320.1; 435/325; 435/69.1; 536/23.5		Davis, Samuel et al.	☐	☐	☐	☐	☐	☐	☐

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1	US 20010026926	☐
2	US 20020015967	☐
3		☐
4	US 20020197706	☐
5	US 20030008380	☐
6	US 20030009022	☐
7		☐
8	US 20030054402	☐
9		☐
10		☐
11		☐

	U	1	~~Document ID~~	Issue Date	Pages	Title	Current OR
12	☒	☐	US 5521073 A	19960528		TIE-2 ligand, and method of making	435/69.5
13	☒	☐	US 5643755 A	19970701		Nucleic acid encoding tie-2 ligand	435/69.5
14	☒	☐	US 5650490 A	19970722		Tie-2 ligand 2	530/350
15	☒	☐	US 5789184 A	19980804	93	Yeast cells engineered to produce pheromone system protein surrogates, and uses therefor	435/7.31
16	☒	☐	US 5814464 A	19980929		Nucleic acids encoding TIE-2 ligand-2	435/69.5
17	☒	☐	US 5851797 A	19981222	58	Tie ligand-3, methods of making and uses thereof	435/69.1

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
12	435/252.3; 435/320.1; 435/348; 435/365; 435/70.1; 536/23.1; 536/23.5; 536/24.3; 536/24.31		Davis, Samuel et al.	☐	☐	☐	☐	☐	☐	☐
13	435/252.3; 435/320.1; 435/325; 435/348; 435/365; 435/365.1; 435/70.1; 536/23.1; 536/23.5; 536/24.3; 536/24.31		Davis, Samuel et al.	☐	☐	☐	☐	☐	☐	☐
14			Davis, Samuel et al.	☐	☐	☐	☐	☐	☐	☐
15	435/254.11 ; 435/254.2; 435/254.21 ; 435/DIG.27 ; 435/DIG.7		Fowlkes, Dana M. et al.	☐	☐	☐	☐	☐	☐	☐
16	435/252.3; 435/320.1; 435/348; 435/357; 435/365; 435/70.1; 536/23.1; 536/23.5		Davis, Samuel et al.	☐	☐	☐	☐	☐	☐	☐
17	424/1.69; 424/178.1; 435/252.3; 435/254.11 ; 435/320.1; 435/325; 435/348; 530/350; 530/402; 536/23.5		Valenzuela, David M. et al.	☐	☐	☐	☐	☐	☐	☐

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12		☐
13		☐
14		☐
15	US 5789184	☐
16		☐
17	US 5851797	☐

	U	1	Document ID	Issue Date	Pages	Title	Current OR
18	☒	☐	US 5876951 A	19990302	93	Yeast cells engineered to produce pheromone system protein surrogates and uses therefor	435/7.31
19	☒	☐	US 5879672 A	19990309		Tie-2 ligand 1	424/85.1
20	☐	☐	US 5939275 A	19990817	27	Mesangial cell lines as models for the study and treatment of diabetic tissue complications	435/7.21
21	☒	☐	US 6100042 A	20000808	95	Yeast cells engineered to produce pheromone system protein surrogates, and uses therefor	435/7.1
22	☐	☐	US 6159705 A	20001212	56	Recombinant yeast cells for identifying receptor effectors	435/29
23	☒	☐	US 6166185 A	20001226	46	Antibodies to human TIE-2 ligands	530/387.9
24	☐	☐	US 6255059 B1	20010703	68	Methods for identifying G protein coupled receptor effectors	435/7.31
25	☐	☐	US 6265174 B1	20010724	69	Methods and compositions for identifying and modulating ctionprotein-interactio ns	435/7.2

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
18	435/254.11 ; 435/254.2; 435/254.21		Fowlkes, Dana M. et al.	☐	☐	☐	☐	☐	☐	☐
19	435/252.3; 435/320.1; 435/325; 435/69.5; 514/12; 514/2; 514/8; 530/351		Davis, Samuel et al.	☐	☐	☐	☐	☐	☐	☐
20	435/320.1; 435/353; 435/7.92; 536/23.1		Heilig, Charles W. et al.	☒	☐	☐	☐	☐	☐	☐
21	435/252.3; 435/483; 435/6		Fowlkes, Dana Merriman et al.	☐	☐	☐	☐	☐	☐	☐
22	435/254.11		Trueheart, Joshua et al.	☒	☐	☐	☐	☐	☐	☐
23	530/387.1; 530/388.1; 530/388.23 ; 530/388.24 ; 530/389.1; 530/389.2		Davis, Samuel et al.	☐	☐	☐	☐	☐	☐	☐
24	435/254.2; 435/254.21 ; 435/6; 435/69.1; 435/69.7; 435/7.2; 530/300; 530/350; 536/23.4; 536/23.5		Klein, Christine A. et al.	☒	☐	☐	☐	☐	☐	☐
25	435/69.7; 435/7.1; 530/350; 536/23.4		Menzel, Rolf et al.	☒	☐	☐	☐	☐	☐	☐

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18	US 5876951	☐
19		☐
20	US 5939275	☐
21	US 6100042	☐
22	US 6159705	☐
23	US 6166185	☐
24	US 6255059	☐
25	US 6265174	☐

	U	1	~~Document ID~~	Issue Date	Pages	Title	Current OR
26	☐	☐	US 6265564 B1	20010724	117	Expressed ligand-vascular intercellular signalling molecule	536/23.5
27	☒	☐	US 6432667 B1	20020813	44	Polynucleotide encoding TIE-2 ligand-4	435/69.1
28	☐	☐	US 6433143 B1	20020813	45	Tie-2 ligands	530/351
29	☒	☐	US 6441137 B1	20020827	114	Expressed ligand-vascular intercellular signalling molecule	530/350
30	☒	☐	US 6504008 B1	20030107	29	Cell based signal generation	530/350
31	☐	☐	US 6555325 B1	20030429	27	System for detection of a functional interaction between a compound and a cellular signal transduction component	435/7.31

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
26			Davis, Samuel et al.	☒	☐	☐	☐	☐	☐	☐
27	435/252.3; 435/254.11 ; 435/320.1; 435/325; 435/348; 530/350; 536/23.1; 536/23.5		Valenzuela, David M. et al.	☐	☐	☐	☐	☐	☐	☐
28	435/252.3; 435/254.11 ; 435/320.1; 435/325; 435/471; 435/69.7; 435/71.2; 530/402		Davis, Samuel et al.	☒	☐	☐	☐	☐	☐	☐
29	435/69.7		Davis, Samuel et al.	☐	☐	☐	☐	☐	☐	☐
30	530/371		Xu, Jun et al.	☐	☐	☐	☐	☐	☐	☐
31	435/254.2; 435/350; 435/6; 435/69.1; 435/69.7; 435/7.1; 435/7.2		Oehlen, Lambertus J.	☒	☐	☐	☐	☐	☐	☐

	Image Doc. Displayed	PT
26	US 6265564	☐
27	US 6432667	☐
28	US 6433143	☐
29	US 6441137	☐
30	US 6504008	☐
31	US 6555325	☐